

The Kinetics of the Catalytic Decomposition of  
 $H_2O_2$  In the Presence of  $Na_2WO_4 + SrCl_2$ , I, by  
I. K. Prokhorova, G. A. Bogdanov, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 12,  
1959, pp 2721-2728.

Cleaver-Hume Press

Sci

Sep 60

127,794

Morphology of Spores of Certain Modern  
Representatives of the Genus *Osmunda* L.  
by P. A. Popov, K. V. Prakhorova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,  
No 4, 1962, pp 957-.

ACI

Sci

223,596

Feb 63

The Average Number of Prompt Neutrons  $\bar{\nu}$  Emitted  
During Photofission of  $\text{Th}^{232}$  and  $\text{U}^{238}$  by  $\gamma$  - Rays  
From the Reaction  $\text{F}^{19}(\text{p}, \alpha\gamma)^{16}\text{O}$ , by L. I. Prokhorova,  
G. N. Smirenkin,

RUSSIAN, rpt, Nov 1959.

AEC Tr-3966

Sci - Chem

Apr 60

115,076

Mean Number of Prompt Neutrons in the Fission of  
U 233, U 235, Pu 239 by 4 and 15 Mev Neutrons, by  
G. N. Smirenkin, I. I. Bondarenko, L. S. Kutsayeva,  
Kh. D. Mikhchenko, L. I. Prokhorova, B. P. Sheme-  
tenko, 3 pp.

RUSSIAN, per, Atomnaya Energiya, Vol IV, No 2,  
1958, pp 188-189.

Consultants Bureau

Sci - Nuclear Phys

79,080

Jan 59

Catalytic Conversion of n-Propyl and n-Butyl  
Alcohols, by B. A. Bolotov, P. M. Adrov,  
L. K. Prokhorova, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVIII, No 5,  
May 1955, pp 516-522. CIA C 39706

28,921

Consultants Bureau

Scientific - Chemistry

Nov 55 CEC/DEX

Turnover Rate of Carbohydrates and Lipids in  
Brain and Liver During Stimulation and  
Narcotic Sleep, by M. I. Prokhorova, Z. H.  
Tupikova, 9 pp.

RUSSIAN, monograph, Voprosy Biokhimii Nervnoy  
Sistemy, Kiev, Chap. 11, 1957, pp 118-130.

SLA 60-18342

Sci  
May 62

193, 770

Vol 4, No 10

The Turnover Rate of Glycogen and Glucose in  
Brain and in Liver of Hypoxemic Rats,  
by M. I. Prokhorova, N. I. Brodskaya,  
G. P. Sokolova, 13 p.

RUSSIAN, per, Voprosy Med Khim, 1957, Vol III,  
No 4, pp 279-285.

SLA 59-17374

Sci  
Jan 60  
Vol. 2, No 8

105,413

Kinetics and Chemical Nature of the Polycondensation  
of Esters of  $\alpha$ -Amino Acids and Peptides.

11. Joint Polycondensation of Esters and  
N-Carboxylic Anhydrides of D, L-Alanine and  
Glycine, by K. T. Poroshin, Yu. I. Khurgin,  
N. I. Prokhorova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 9, 1960, pp 1687-1692.

CB

172,213

Sci



Kinetics and Chemistry of the Polycondensation of  $\alpha$ -Amino Esters. Communication 7. Kinetics of the Change in the Composition of the Products of the Polycondensation of Glycine Ethyl Ester in Presence of N-Carboxyglycine Anhydride, by K. T. Poroshin, Yu. I. Khurgin, N. I. Prokhorova, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1958, pp 1428-1434

Consultants Bureau

Sci.

112,202

Apr 60

The Calculation of Rate Constants of Double  
Stage Parallel-Consecutive Second-Order Reactions,  
by V. O. Reikhsfel'd and V. A. Prokhorova, 6 pp.  
RUSSIAN, per, Kinetika i Kataliz, Vol IV, No 3,  
1963, pp 483-486.  
CE

Sci

Aug 64

265,446

The Diffusion of Antimony in Antimony Doped Germanium, by B. I. Boltaks, V. M. Prokhorova, L. I. Novozhilova, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, XXVIII, 1958, pp 990.

FDD/X-3218

Sci - Physics  
Nov 58

71,330

Investigation in the Field of Monoorganosilanes.  
III. Syntheses Based on Monoorganosilanes, by  
V. A. Prokhorova, V. O. Reikhsfel'd, 9 pp.  
~~R~~USSIAN, per, Zhur Obshch Khim, Vol XXXIII,  
No 8, 1963, pp 2617-2625.  
CB

Sci  
1Aug 64

263,799

Studies in the Field of Mammography. II. The  
Reactivity of Mammography in Reaction With  
Alcohol, by V. S. Reishatel'd, V. A. Prokhorova,  
5 pp.

RUSSIAN, per, Khur Obshch Khim, Vol XXXI, No 8,  
1961, pp 2613-2617.

CB

Sci  
Jul 62

205,272

Prokhotskii, Yu. M. and Belik, S. A.  
DETERMINATION OF THE QUANTITATIVE COMPOSITION OF SILVER HALIDE POWDERS ISOLATED FROM PHOTOGRAPHIC EMULSIONS. [Apr 64] 5p  
Order from ATS \$8. 25      ATS-88R74R

Trans. of Zhurnal Nauchn. i Prikl. Tekhn. i Ekonom. i Kinetografi (USSR) 1963, v. 8, no. 3, p. 189-193.

TT-64-22102

I. Prokhotakii, Yu. M.  
II. Belik, S. A.  
III. ATS-88R74R  
IV. Associated Technical Services, Inc., East Orange, N. J.

86221

(Materials--Photographic, TT, v. 12, no. 2)

Office of Technical Services

Silver Chlorobromide Photographic Emulsions  
With Grains Having a Laminated Structure, by  
Yu. M. Prokhot'skiy, Yu. B. Vilenskiy.

RUSSIAN, per, Zhur Nauch i Prikl Fotografi  
Kinematog, Vol V, No 5, 1960, pp 363-364.

NLL M 8969

Sci - Phys  
Apr 63

26, 857

**Physical Ripening of Silver Halide Photographic Emulsions According to Published Materials of Recent Years, by Yu. M. Frokhtskiy, 28 pp.**

**RUSSIAN, per, Zhur Nuzh i Prih Foto i Kino, Vol VIII, No 3, 1963, pp 230-244.**

**CIA/FED XX-1558  
NO FOREIGN DISSEM**

**Sci - Phys  
May 64  
USCIB Internal Use Only**

258,035



Prokhorov, Yu. M.  
SOME PROPERTIES OF SILVER HALIDE PHOTO-  
GRAPHIC EMULSIONS WITH GRADES OF LAM-  
NATED STRUCTURE, II. [1938] 5p 7rads  
Order from OTS, SLA, or ETC \$1.10 TT-64-14445

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i  
Kinesmatografii (USSR) 1963, v. 3, no. 2, p. 203-204.

DESCRIPTORS: Photographic emulsions, Silver  
compounds, Halides, Chlorides, Bromides,  
Photosensitivity, Photographic chemicals.

(Materials--Photographic, TT, v. 11, no. 7)

TT-64-14445

I. Prokhorov, Yu. M.

4073508

Office of Technical Services



Physical Ripening in the Mixture of AgCl and AgBr  
Emulsions, by Yu. M. Prokhotskii.

RUSSIAN, per, Zhur Nauch i Prikl Fotog i Kinetolog,  
~~XXXXXXXXXXXX~~ Vol VII, No 2, 1962, pp 148-150.

NLL Ref: 5828.4 1963 (10 356)  
(Loan)

Sol - Physics  
Oct 63

240,251

Relaxation Polarization and Losses in Nonferroelectric Dielectrics with High Dielectric Constants, by G. I. Skanavi, Ya. M. Ksendzov, V. A. Trigubenko, V. G. Prokhvatilov, 10 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXIX, No 2 (8), 1957, pp 320-334.

Amer Inst of Phys  
Sov Phys-JETP  
Vol VI (33), No 2

Sci - Phys

May 58

64, 230

The Physicochemical and Electrical Properties of  
the System  $\text{TiO}_2\text{-ZrO}_2$ , by Y. M. Ksendzov, V. G.  
Prokhrvatilov, 8 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 2, pp  
321-327, 1957.

Assoc Tech Serv 63,116R

Sci - Chem  
Aug 58

70,665

CALCIUM GERMANATES AND THEIR PROPERTIES, BY  
S. M. ROYAK, I. A. PRONVATILOVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI,  
NO 4, 1961, PP 880-883.

CB

SCI

AGU 62

207,077

~~207,077~~

(2613-D)

The Social Worker in the Enterprise, by Dragana Prokic,  
4 pp.

SERBIAN, per, Socijalna i Ekonomična Politika,  
Vol XI, No 11, Belgrade, 1958, pp 13-15.

JPRS 584-D

EEur - Yugoslavia  
Soc  
Apr 59

84,027

(NY-4856)

Mechanization on the Registering of Subscription  
Data Must Be Persistently Introduced, by V. D.  
Prokhorov. 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1959.

JPRS 5999

Sci

Feb 61

139,126



An Extremal Problem in Probability Theory,  
by Yu. V. Prokhorov, 3 pp

RUSSIAN, per, Teoriya Veroyatnostey i Yeye  
primeneniye, Vol IV, No 2, 1959, 211-214 pp

48

Sci

See for Ind & Applied

Oct 60

130,09.

Vacuum High-Temperature Camera for X-Ray Diffraction Analysis, by V. I. Prokhvatilov, E. I. Gindin, 3 pp.

RUSSIAN, per, ~~text~~ Zavzod Lab, Vol XVI, 1950, p 965. 9080645

AEC Tr-4746

167, 849

Sci  
Sep 61

Training Agricultural Workers for Industry, by  
D. Prokic, 5 pp.

SERBIAN, per, Socijalna i Zdravstvena Politika,  
No 5-6, Belgrade, 1962, pp 10-14.

JPRS 15616

~~215,388~~  
215,388

EE - Yugoslavia  
Soc

Oct 62

(NY-6501)

Where the Crooked Lines Will Take Us,  
by S. Chernov, Yu. ~~FRANK~~ Proklov,  
V. Glaz'yev, 10 pp.

RUSSIAN, np, Sovetskaya Kirgiziya,  
16 Sep 1961.

JPRS 11525

USSR  
Econ  
Dec 61

178,213

TT-65-62783

Field 3B

Bruna, A. V.; Prokofev, V. K.  
MEASUREMENT OF THE FAR ULTRAVIOLET  
HELIUM EMISSION ON THE SUN (Izmereniye Dalekogo  
Ultrafioletovogo Izlucheniya Geliya na Solntse).  
28 May 62, 13p. NASA-TT-F-8232; N65-24036.  
Order from CFSTI, SLA, or ETC: HC\$1.00, MF\$0.50  
as N65-24036

Trans. of Iskusstvennye Sputniki Zemli (USSR)  
VII p15-22 1961.  
See also 'Translated or Abstracted Publications,'  
in TT Vol. 14, No. 8.

I. National Aeronautics  
and Space Administration,  
Washington, D. C.

Prokofev, V. K. and Petrova, N. N.  
ON THE PRESENCE OF OXYGEN IN THE ATMOS-  
PHERE OF VENUS. 15 Jan 64 [21p] Preps JPLAI/Trans.  
33; CR-53061; N64-15781.  
Order from OTS, SLA, or ETC \$2.60 TT-64-15374

Trans. of [Akademiya Nauk SSSR]. Krymskaya Astro-  
fizicheskaya Observatoriya. Izvestiya, 1963, v. 29,  
p. 3-14.

(Astronomy--Astrophysics, TT, v. 12, no. 2)

TT-64-15374

- I. Prokofev, V. K.
- II. Petrova, N. N.
- III. JPLAI/Trans-33
- IV. CR-53061
- V. N64-15781
- VI. Jet Propulsion Lab.,  
Calif. Inst. of Tech.,  
Pasadena

86292

Office of Technical Services

NCH-202 044

Field 20F, 13A, 7D

Prokofey, V. K.; Nikonova, Z. I.; Gruzdev, P. F.;  
Frisch, M. S.

OSCILLATOR STRENGTHS FOR THE FeI SPECTRUM  
(Sily Otsalliyatorov Dlya Spektra FeI). 1965, 52p, 38refs.  
RTS-2876.

Order from NLL: 40s as RTS-2876

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofiz-  
cheskaya Observatoriya. Izvestiya, v31 p281-324 1964.

I. National Lending Library for  
Science and Technology,  
Boston Spa (England)

Transpiration of Fruits and Inflorescences  
Relative to Meteorological Factors and Age  
of Plants, by A. A. Prokof'ev, K. M. Kats,  
6pp.

RUSSIAN, par, Fiziologiya Rasteniy, Vol X,  
No 2, 1963, pp 204-211.

CB

245, 718

Sci  
Jan 64



The Friction Welding of 2 Aluminum to Steel and  
Copper, by L. A. Kikunda, E. V. Pecher'ev, 3 pp.

RUSSIAN, per, Soviet Press, No 11, 1961, pp 30-31.

1-21

Sci

Oct 66

216,187

Calculation of the Numbers of Dispersion  
Centres in Sodium, by V. K. Prokof-ev, 21 pp.

GERMAN, per, Zeit fuer Physik, Vol LVIII, 1929,  
pp 255-267.

AEC-HP-tr-1051

Sci-Phys  
Nov 63

242,436

Prokofiev, S.

NEW MOLECULAR COMPOUNDS OF ORTHOCHLORINE  
HYDROBROMIDE WITH BENZENE AND THIOPHE-  
NE. 6p. MTWL: 294.  
Order from OTS or ETC \$1.55

61-17968

Trans. of Russkoe Fiziko-Khimicheskoe Obshchestvo,  
Zhurnal (USSR) 1897, v. 29, no. 2, p. 87-90.

DESCRIPTORS: \*Toluidines, \*Benzenes, \*Thiophenes,  
Hydrogen compounds, Bromides, Chemical reactions.

61-17968

- I. Prokofiev, S.
- II. MTWL-294
- III. Stichting Moeilijk  
Toegankelijke Wetenschap-  
pelijke Literatuur

200324

Office of Technical Services

I. A. Prokofeva

The Structure of the Chromosphere as Shown by  
the Fraunhofer Lines  $H_\alpha$  and  $H_\beta$ , by I. A. Prokofeva.

RUSSIAN, per, Russkaya Astronomicheskaya Observ-  
vatziya. Pribliza. Izvestiya, No 160, 1957,

pp 155-169.

NTC 71-14319-03B

Feb 72

Microscopic Structure of Colonies of Actinomyces  
Streptomycini and Actinomyces Longisporus Var. ~~HEMIZ~~  
Ruber, by A. A. Prokof'eva-Bel'gorskaya, Z. B. Shamina,  
6 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXI, No 5, 1962,  
pp 857-862.

CB

243, 234

Sci -  
Nov 63

Prokof'eva-Bel'govskaya, A. A.

A CYTOLOGICAL STUDY OF THE BREAKS AT THE  
WHITE LOCUS OF THE X-CHROMOSOME IN  
DROSOPHILA MELANOGASTER (Tsittologicheskoe  
Izucheniye Razlomiv X-Khromosomy Drosophila  
Melanogaster v Rukone Lokusa White). 1962, 13p.

11 refs. PL-480 HEW.

Order from OTS \$0.50

61-11483

Trans. of Akademiya Nauk SSSR. Izvestiya. (Seriya  
Biologicheskaya) 1959, no. 2, p. 215-227.

DESCRIPTORS: \*Genetics, \*Drosophila, \*Chromo-  
somes, \*Mutations, Reproduction, Morphology,  
Physiology.

The investigation shows that for mottled to occur it is  
not necessary that the X-chromosome break at a  
definite point near the white locus.

(Biological Sciences--Biochemistry, TT, v. 8, no. 2)

61-11483

- I. Prokof'eva-Bel'govskaya,  
A. A.
- II. PL-480 HEW (61-11483)
- III. National Science Foundation,  
Washington, D. C.

( 1 2 3 4 5 )

Office of Technical Services

Prokof'eva-Bel'govskaya, A. A.  
A CYTOLOGICAL STUDY OF THE "SIMPLE BREAKS"  
IN THE INERT REGION OF THE SCUTELAR CHROMO-  
SOME OF DROSOPHILA MELANOGASTER (Tsitol-  
icheskoe izucheniye "Prostikh Razryvov" v Inertnom  
Ratone X-Khromosomy Drosophila Melanogaster).  
1962, 11p; 8 refs. PL-480 HEW.  
Order from OTS \$0.50

61-11482

Trans. of Akademiya Nauk SSSR. Izvestiya. [Seriya  
Biologicheskaya] 1939 [no. 7] p. 349-361.

DESCRIPTORS: \*Histology, \*Chromosomes, Morphol-  
ogy, \*Genetics, Reproduction, \*Drosophila, Mutations.

The data presented here indicate that there are no  
"simple breaks" in the inert regions, i.e. interstitial  
genes cannot become terminal. (Author)

(Biological Sciences--Biochemistry, TT, v. 8, no. 2)

61-11482

- I. Prokof'eva-Bel'govskaya,  
A. A.
- II. PL-480 HEW (61-11482)
- III. National Science Foundation,  
Washington, D. C.

(241726)

Office of Technical Services

Prokof'eva-Bel'govskaya, A. A.  
 INERT REGIONS IN THE INNER PART OF THE  
 X-CHROMOSOME OF DROSOPHILA MELANOGASTER  
 (Inertnye Raiony Vnutrennikh Chastei X-Khromosomy  
 Drosophila Melanogaster). 1962, pp. 15 refs.  
 PL-480 HF-W.

Order from OTS \$0.50

61-11481

Trans. of Akademiya Nauk SSSR. Izvestiya. [Seriya  
 Biologicheskaya] 1939 [no. 2] p. 362-370.

DESCRIPTORS: \*Genetics, \*Chromosomes,  
 \*Drosophila, Salivary glands, Anatomy, Mutations,  
 \*Morphology.

Stulles revealed the presence of inert regions in seven  
 segments of the X-chromosome 20, 303, 306, 403-7,  
 11A, 12EF, 15F and 191.1-4. Obviously, these genes  
 do not embrace all intersalary inert regions of the  
 X-chromosome. All inert regions in salivary glands  
 (Biological Sciences-Biochemistry. TT, v. 8, no. 2)  
 (over)

61-11481

I. Prokof'eva-Bel'govskaya,  
 A. A.

II. PL-480 HF-W (61-11481)

III. National Science Foundation,  
 Washington, D. C.

(61-11481)

Office of Technical Services



Transpiration of the Fruits of Oleaginous Plants,  
by A. A. Prokof'yev, K. M. Kats, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 3, 1961  
PP 744-.

ATBS

Sci

May 62

196,535

Significance of Photosynthetic Activity of Opium Poppy  
Fruits for Development of Seeds and Fat Accumulation  
in Them, by A. A. Prokofiev and M. T. Godneva, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,  
No 2, 1957, pp 438-441.

Amer Inst of Biol Sci

58,309

Sci - Med

Feb 58

On the Properties of Lipase from Oil-bearing Plant  
by A. A. Prokofyev, G. V. Novitskaya, 10 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 4, 1958  
pp 612-615

Consultants Bureau

Sci - Biology

Apr 59

83, 923

Concerning Phosphorus Transport From the Leaves to  
Seeds, by A. A. Prokofyev, A. M. Sobolev, 82 pp.

RUSSIAN, bino pap, Fiz Tsentriy, Vol IV, No 1,  
Jan/Feb 1957, pp 14-23.

Amer Inst of Biol Sci

Sci - Biology  
Nov 57

55, 171

Additional Factors of Growth and Their Role in the  
Life of Plants, by A. A. Prokofiev.

RUSSIAN, per, Uspekhi sovremennoi biol, Vol XXVI,  
Nov-Dec 1948, pp 943-948. 442.8 Er3

USDA Trans No 194

USSR  
Scientific - Biology, plants, growth

A-9546

R1  
Lipase Activity and Fat Accumulation in the  
Seed of Flax and Poppy, by A. A. Prokofyev and  
G. V. Novitskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 61 CXVI, No  
2, 1957, pp 273-276.

Consultants Bureau

Sci - Chem

Aug 58

73,661

Effect of Seed Hydration on Mobilization of  
Reserve Substances During Germination, by O. S.  
Engel', A. A. Prokofyev, 4 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 1, 1960,  
pp 44-48.

Amer Inst of Biol Sci

Sci  
Sep 60

121,692

Summer Dormancy in Bulbous Barley (*Hordeum bulbosum*  
L.), by A. A. Prokof'ev, Kh. Kh. Karimov, 6 pp.

RUSSIAN, per, Fiziol Rasteniy, Vol VIII, No 4, 1961,  
pp 467-475.

AIRS

Sci  
Jan 64

246,740



(NY-5973)

Coordination of Physiological Research in  
Forthcoming Seven-Year Period, by A. A. Prokofyev,  
L. D. Prusakova, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 6, Dec  
1960, pp 926-934.

JPRS 9227

Sci - Biol

May 61

154,409

Certain Regularities in the Flow of Substances From  
Leaves Into Reproductive Organs, by A. A. Prokofyev,  
L. P. Zhdanova, A. M. Sobolev, 7 pp.

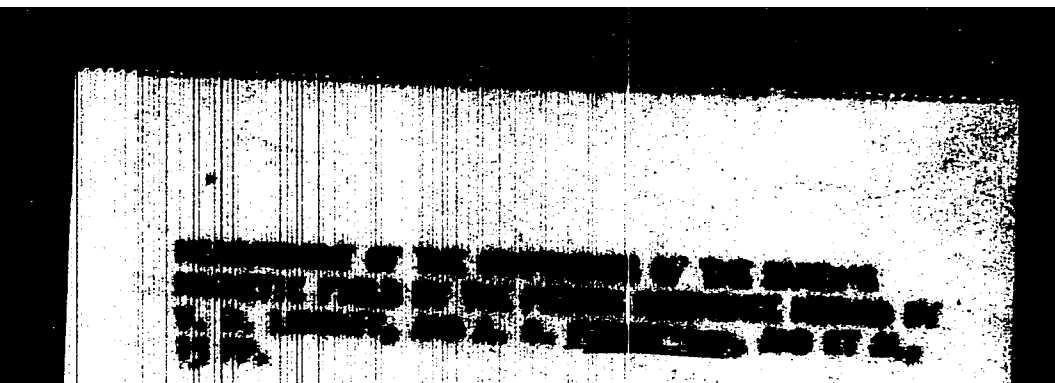
RUSSIAN, per, Fiz Rasteny, Vol IV, No 5, 1957,  
pp 425-431.

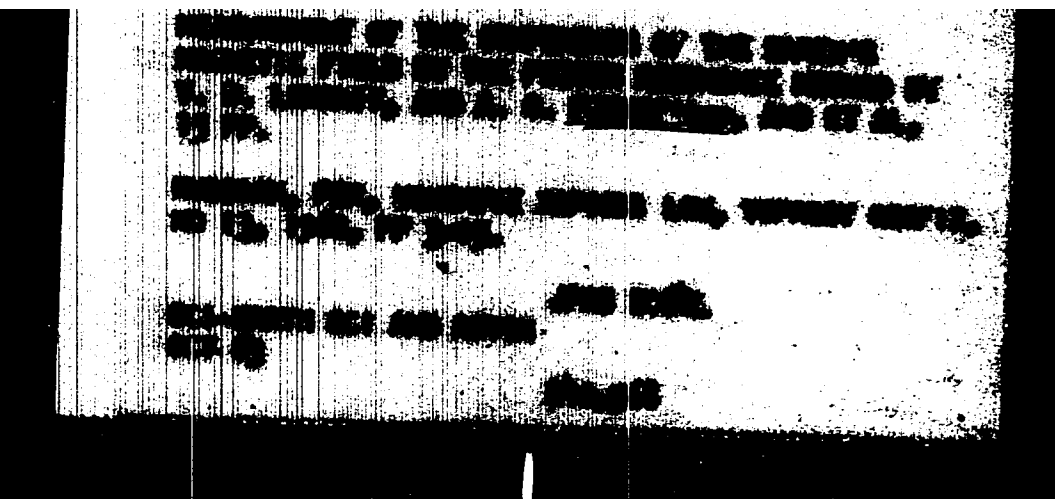
Amer Inst of Biol Sci

Sci - Biol

Jul 58

67,006





An Investigation of the Reactions  $P^{19}(n,d)O^{18}$  and  
 $P^{31}(n,d)S^{30}$  for a Neutron Energy of 14.1 Mev.  
by G. Z. Velyukhov, A. N. Prokof'ev, S. V. Starodubtsev,  
3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 4,  
1959, pp 781-783.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 4

110,028

Sci Mar 60

Produced by DISCLOSURE from the  
Atmospheric Pressure, by A. M. Prokof'ev, S. V.  
Kudan, 3 pp.

Vorratsberechnung Mineralischer Rohstoffe. 1956, by  
A. P. Prokofyev.

Translated from the Russian edition, 1953.

DSIR 553:622.1  
Lending Lib Unit  
G. 11329/0

Phase Diagram of the Ternary Cr-W -Mo System,  
by H. V. Gruz-Gruhinaylo, & D. I. Prokhorov.  
UNCL.

RUSSIAN, per, Zhur Georg Khin, Vol III,  
No 1, Apr 1958, pp 889-897.

ATIC P-22-9576/V.

Sci - Chem

Aug 59

94, 953

From the Field of Tactical Exercises in an  
Encounter Battle, by Col H. Prokofev, Lt Col  
G. Suslin.

RUSSIAN, mp, Krasnaya Zvezda, 8 Feb 1955.

Eurasian Branch  
TK-672

USSR  
Military

one copy only Ext 72670

24,689



Structure of the Nucleotide-Peptide Components of Ribonucleic Acid Isolated from the Pancreas, by A.A. Bogdanov, M.A. Prokof'yev, 6 pp.

RUSSIAN, per, Biokhimiya, Vol LXVII, No 2, 1962, pp 266-272.

CB

Sci

233,119

Feb 63

Synthesis of Amino Acid Derivatives in Adenosine-2'  
Phosphoric Acid Series, by Yu. P. Shvachkin, L. A.  
Gertsova, M. A. Prokof'ev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,  
pp 2462-2466.

CB

168,828

ici

ep 61

Measures for Further Improving the Selection and  
Training of Scientific Cadres, by M. Prokof'yev,  
8 pp.

RUSSIAN, per, Byulletin' Ministerstva Vysshago i  
Srednego Spetsial'nogo Obrazovaniya SSSR, No VII,  
1962, pp 1-5.

JPRS 15699

212,729

USSR

Soc

Oct 62

The Preparative-Scale Isolation of Cytidylic Acid by  
Ion Exchange, by L. A. Filippova, M. A. Prokofyev,  
et al.

4pp

RUSSIAN, per, Biokhim, Vol XXV, No 3, 1960, pp ~~383-393~~  
393-398

CB

Sci-  
Feb 61

140, 906

Aminocarbonyl-Derivatives of Nucleosides. IV. Synthesis  
of N<sup>6</sup>-Polypeptide Derivatives of 3-~~β~~-D-  
Glucopyranosylcytosine By the "Carbodiimide" Method,  
by Z. A. Shabarova, N. I. Sokolova, M. A. Prokof'ev,  
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2,  
1959, pp 539-544.

Consultants Bureau

Sci

Apr 60

112, 351

Acylamino Derivatives of Nucleosides. III. Synthesis  
of Acylamino Derivatives of Adenosine and 9- $\beta$ -  
D-Glucopyranosylguanine, by Z. A. Shabarova,  
Z. P. Polyakova, M. A. Frokof'ev, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX,  
No 1, 1959, pp 215-221.

Consultants Bureau

B81

Mar 60

110,661

Studies in the Pyrimidinoimidazolone Field.  
III. Preparation of Pyrimidinoimidazolone  
Salts, and Alkylation of Pyrimidinoimidazolones,  
by Yu. P. Shvachkin, M. A. Prokofyev,  
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,  
No 12, 1956, pp 3416-3421.

Consultants Bureau

Sci - Chemistry  
Jul 58

67,435

The Use of USSR-Made Ion-Exchange Resins in the  
Isolation of Nucleotides from Pancreas  
Hydrolyzates, by L. A. Filippova, M. A.  
Prokofyev, 6 pp.

RUSSIAN, per., Biokhimiya, Vol XXIII, No 1, 1958.  
pp 140-145.

Consultants Bureau

Sci - Chem  
Nov 58

77,020



Synthesis of Pyrimidinoimidazolones, by M. A.  
Prokofiev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol  
LXXVII, No 5, 1952, pp 783-785.

Sci Tr Center  
#PT.446

Scientific - Chemistry

17,446

Synthesis of Phosphoramidopyrimidines, by Yu. P. Shvachkin, M. A. Prokof'ev, 5 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 6, 1958, pp 1617-1620.

Consultants Bureau

Sci - Chem  
Sep 59

95, 788

Aminocacyl Derivatives of Nucleosides. II. Structure  
and Properties of Aminocacyl and Peptide Derivatives of  
3- $\beta$ -D-Glucopyranosylcytosine, by Z. A. Shabarova, N. I.  
Sokolova, M. A. Prokoryev, 26 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 11,  
1957, pp 3028-3033.

Consultants Bureau

Sci - Chem  
Jan 59

78,803

Studies in the Field of Pyrimidinonucleosides, III.  
The Synthesis of Pyrimidinonucleosides on the Basis  
of the Lactam of  $\alpha$ -Guanidopropionic Acid, by M. A.  
Frolof and Yu. P. Shvachkin, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 5,  
1955, 975-980.

Consultants Bureau

Scientific - Chemistry

44,377

Aminocyl Derivatives of Nucleosides. Synthesis  
of  $\beta$ -Aminocyl Derivatives of 3- $\beta$ -D-Glucopyrano-  
silycytosine, by Z. A. Shabarova, N. A. Prokofyev,  
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIX,  
No 2, pp 340-343. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56, 628

Dec 57

A Study of the Nucleoprotein Structures of  
Ribonucleic Acid Isolated From the Pancreas,  
by M. A. Prokof'yev, E. G. Antonovich, A. A.  
Bogdanov, 4 pp.

RUSSIAN, per, Biokhim, Vol XXV, No 5, 1960,  
pp 931-936.

CB

Sci

May 61

152,954

The Synthesis of Pyrimidine-(N)-alkylcarboxylic  
Acids, by M. A. Prokofyev, Yu. P. Shvachkin,  
4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 6, 1955, pp 1218-1221.

Consultants Bureau

41, 355

Scientific - Chemistry

V  
Synthesis of Pyrimidino Imidazolones, by M. A.  
Prokofyev, Yu. P. Shvachkin, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV,  
No 6, Jun 1954, pp 1046-1048. CIA C 40406

Consultants Bureau

Scientific - Chemistry Jan 56 CT8/DEX

30,173



Aminoacyl Derivatives of Nucleosides. I. Synthesis  
of N<sub>2</sub>-Aminoacyl and N<sub>2</sub>-Peptide Derivatives of 3- $\beta$ -  
D-Glucopyranosylcytosine, by (A. Z.) Shabarova, N. I.  
Sokolova, M. A. Prokofyev, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10,  
1957, pp 2891-2897.

Consultants Bureau

Sci - Chem  
Jan 59

78,991

Synthesis of Some Haloacetyl and Aminoacetyl Derivatives of 2-Aminopyrimidine and Guanine, by M. A. Prokofyev, Z. A. Shabrova, E. G. Antonovich, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 2, 1955, pp 397-400. CIA D 151348

Consultants Bureau

Scientific - Chemistry

25,391

A Grim Rule, by N. Prokof'yev, 4 pp.

RUSSIAN, per, Voyenny Vestnik, No 5, 1962.

ACSI-I-o424-E  
ID 2191530

Sci

Oct 62

214,302

Deputies, by N. Prokof'yev.

RUSSIAN, np, Krasnaya Zvezda, 27 Oct 1959, p 2.

\*FTD MT-62-43  
Machine Translation

USSR

Mil

17 Sep 62

(DC-2800/55)

It Is Already a Tradition of the Rocketeers, by  
N. Prokof'yev, 5 pp.

RUSSIAN, np, Krasnaya Zvezda, No 16, 19 Jan 1961,  
p 2.

JPRS 8092

USSR

149,871

MI1

Apr 61

(DC-2800/55)

So They Became Rocketeers, by N. Prokof'yev, 5 pp.

RUSSIAN, np, Krasnaya Zvezda, No 15, 18 Jan 1961,  
pp 2, 3.

JPRS 8092

USSR

MI1

Apr 61

149,870

The H<sub>2</sub>O<sub>2</sub> Phase in Spotted Chemos-Spinalis, by V. V.  
Gondarev, H. A. Pecher'ova, 3 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol GIL, (GILY),  
No 3, 1961, pp 648-651.

X GB

Not

Nov 62

217,976

A Magnetic Gamma-Spectrometer with an "Annular"  
Field, by A. S. Karanyan, P. T. Prokof'yev, 4 pp.

RUSSIAN, per, Izvestiya Tekh, No 3, 1960, pp 39-  
40.

IBA

Sci

Feb 61

138,066



The Company Goes Into Attack, by Col N. Prokofiev,  
Lt Col G. Suslin.

RUSSIAN, np, Krasnaya Zvezda, 6 Feb 1955.

Eurasian Branch  
TK-671

USSR  
Military -

one copy only Ext 72670

24,692

The Velocity of Small Perturbations and the  
Existence of Weak Shock Waves in a Radiating  
Gas Taking into Account Radiation Pressure

by V. A. Prokof'yev, 27 pp.

RUSSIAN, per. Vestnik Moscow Universitet,

Seriya Fiziki i Khimii, Series 1, No 1,

1960, pp 43-59. P100033467

FTD MT 65-234

42  
*V. A. Prokof'yev*

Sci-Phys

I  
On the Question of Calculation of Radiation  
in One-Dimensional Movement of Monatomic  
Gas, by V. A. Prokof'yev. 91  
RUSSIAN, rpt. K Voprosu ob  
Uchebo Ispytaniya Pri Oshcheshchenii  
Statisticheskoy Dvuzhnoi Oshcheshchennoy Gase,  
Vol XLXII, 1954, pp 79-124.  
NASA TT F-10,300

V. A. Prokof'yev

Sci-Phys  
Oct 66

312,254

The Equations of Relativistic Radiation Hydrodynamics,  
by V. A. Prokof'yev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 5, 1961,  
pp 1033-1036.

AIP  
Sov Phys - Dok  
Vol VI, No 10

Sci

190,815

Apr 62

The Composition and Stratigraphic  
Significance of the Upper Devonian Pelecypod  
Assemblages in the Central Volga-Ural Province,  
by V. A. Prokof'yev, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog,  
No 2, 1959, pp 119-122.

Amer Geolog Inst

Sci

132,514

Nov 60

Boron Content in the Shells of Paleozoic  
Brachiopods, by V. A. Prokof'yev, V. I. Yermakova,  
3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science  
Sections, Vol. CXLIX, No 1-6, Mar, Apr 1963.

Amer Geol Inst

Sci  
Jul 65

Most Recent Spectral Apparatuses of the USSR, by  
V. K. Frolof, 9 pp.

RUSSIAN, Ser. Iz Akh. SOON, Ser Pis, Vol XIII,  
1958, pp 737-741.

ABC Tr 3599

Sci - Phys

Apr 59

85,748

135  
Calculation of the Numbers of the Sodium  
Dispersion Centers, by V. K. Prokof'yev, 15 pp.  
GERMAN, per, Zeit fuer Physik, Vol 56, Aug 1929,  
pp 255-267.  
Dept of Navy NHC Trans 3037

V. K. PROKOF'YEV

Sci/Phys  
June 70



Spectrum Analysis of Elements Difficult to Excite, by  
V. K. Prokof'ev, 15 pp.

RUSSIAN, Izvestiia Ak Nauk SSSR, Fiz Ser, Vol IX, No 6,  
1945, pp 691-698.

SLA R-1163

Sci

Jun 58

65,867

Spectrochemical Determination of Small Amounts of  
Vanadium in Samples of Complex Composition, by T. M.  
Moroshkina, V. K. Prokofiev, 4 pp.

RUSSIAN, bimo per, Zhur Anal Khim, Vol XI, No 6,  
Nov/Dec 1956, pp 714-716.

Constul  
Consultants Bureau

Sci - Chemistry  
Sep 57

53,073

Some Characteristics of Low-Voltage Pulse Discharges,  
by ~~Shodidatkin~~ D. B. Gurevich, R. A. Esin, V. K.  
Prokof'ev, 2 pp.

Full translation.

RUSSIAN, bino per, Iz Ak Nauk, Ser Fiz, Vol XIX,  
No 1, 1955, pp 64-65. CIA C 42053

Columbia Tech Tr

Scientific - Physics  
May 56 CIB/dex

34,650

New Spectroscopic Instruments, by V. K. Prokof'ev,  
15 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XVIII, No 6, 1954, pp 643-661. CIA C 40664.

Columbia Tech Tr

Scientific - Physics 31,695- Feb 56 CTS/DEX